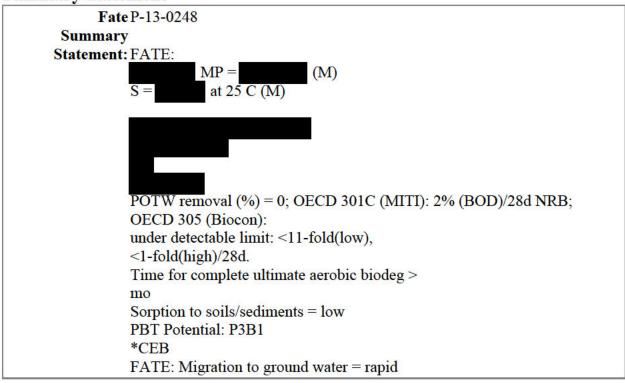
## Fate Report for Case # P-13-0248

#### **Fate**

**Summary Statement** 



CBI:
Fate
Assessor:
SMILES:

**Physical Properties** 

Property	Measured/Calculated Value	EPI
Molecular Form:		
Molecular		
Wt.:	<del></del>	
% < 500:		
%		
< 1000:		

Property	Measured Value	Method	Estimated Value	Method	EPI
Melting		Exp.			
Point:					
Boiling Point:					
BP			@760		@760
Pressure:			65,00		(6),00
Vapor				Salt	
Pressure:					
Water		Exp.			
Solubility:					
Log P: Log					
Kow:					
Log Koc:					
Log BCF:					
Henry's					
Law:					
pH:					
pH					
Comment:					

## Fate Analysis

Hydrolysis (t1/2,	Volatilization	Volatilization
da):	(t1/2)	(t1/2)
	- River (hr):	- Lake (da):
Atm Ox Potential	Atm Ox Potential	Atm Ox Potential
(t1/2)OH (hr):	(t1/2)O3	(t1/2) Total
	(hr):	(hr):
MITI Linear:	MITI	
	NonLinear:	
Biodeg Linear:	Biodeg	
	NonLinear:	
Biodeg Survey	<b>Biodeg Survey</b>	
ult:	Prim:	
STP (% removal)	STP (% removal)	
Total:	Biodeg:	
STP (% removal)	STP (% removal)	
Ads:	Air:	

## Rationales

Removal in
Wastewate
Treatment
Atmospheri
Oxidation
Hydrolysis
Photolysis
Aerobi
Biodegradation
Anaerobi
Biodegradation
Sorption
to Soil and
Sediment
Migration to
Groundwater
Persistence - Air
Persistence - An
- Water
Volatilization
from Water
Soil
Sediment
Other
Standard
Standard

### **PBT Ratings**

Persistence	Bioaccumulation	Toxicity	PBT
			Comments
3	1	Awaiting Human Health Entry	
		Awaiting Human Health Entry	
		Awaiting Human Health Entry	
		Awaiting Human Health Entry	
		Awaiting Human Health Entry	

## **Exposure-Based Testing**

<b>Exposure-Based</b>	
Testing:	

# **Fate Ratings**

## Removal in WWT/POTW

(Overall):

Removal in 0 WWT/POTW (Overall):

Condition	Rating	Rating Description				Comment
	Values	1	2	3	4	
WWT/POTW	1	Low	Moderate	Strong	V. Strong	
Sorption:						
WWT/POTW	4	Extensive	Moderate	Low	Negligible	
Stripping:						
Biodegradation	4	Unknown	High	Moderate	Negligible	
Removal:		TT 1	C 1.4	D ( 1		
Biodegradation Destruction:		Unknown	Complete	Partial		
Aerobic	4	<=	Weeks	Months	>	
Biodeg Ult:	7	Days	VV CCKS	1410111113	Months	
Aerobic Biodeg		<= Days	Weeks	Months	>	
Prim:		2 , 5	,,,	1/10114115	Months	
Anaerobic	4	<= Days	Weeks	Months	>	
Biodeg		-			Months	
Ult:						
Anaerobic		<= Days	Weeks	Months	>	
Biodeg					Months	
Prim:			11	D	<b>&gt;</b> _	
Hydrolysis (t1/2 at pH		<= Minutes	Hours	Days	>= Months	
7,25C) A:		willings			Months	
Hydrolysis (t1/2		<=	Hours	Days	>=	
at pH		Minutes	110 415	Bujo	Months	
7,25C) B:						
Sorption to	4	V.	Strong	Moderate	Low	
<b>Soils/Sediments:</b>		Strong				
Migration to	4	Negligible	Slow	Moderate	Rapid	
Ground Water:						
Photolysis A,		Negligible	Slow	Moderate	Rapid	
Direct:		NI11 - 11-1	C1	Mad	D a : 1	
Photolysis B, Indirect:		Negligible	Slow	Moderate	Rapid	
Atmospheric Ox		Negligible	Slow	Moderate	Rapid	
Atmospheric Ox A, OH:		regugione	SIUW	Moderate	rapiu	
71, 011.		Negligible	Slow	Moderate	Rapid	
		1,001101010	21011	1.10 401410	Tapia	

Condition	Rating	Rating Description			Comment	
	Values	1	2	3	4	
Atmospheric Ox B, O3:						

### Bio

#### **Comments:**

Bio OECD 301C (MITI): 2%

Comments: (BOD)/28d NRB. OECD 305 (Biocon): under detectable limit: <11-fold(low), <1-fold(high)/28d.

#### **Fate Comments:**

<b>Fate Comments:</b>	
rate comments.	

## **Comments/Telephone Log**

Artifact	Update/Upload	
	Time	